



CMCVIROEQAS
(Under the aegis of Indian Association of Medical Microbiologists)
PT Unit, Department of Clinical Virology, Christian Medical College,
Vellore-632004, Tamil Nadu
Email: viroeqas@cmcvellore.ac.in Phone: 0416-2283455
10th SEROLOGY CMCVIROEQAS EVALUATION REPORT

PANEL: BBVS

CMCVIROEQAS ID. V0151

Result Receiving Date: 25.03.20

Distribution No: 0120

Specimen #	Intended Result			Your Result		
	HIV	HBsAg	HCV	HIV	HBsAg	HCV
S0112001	Negative	Negative	Negative	NEGATIVE	NEGATIVE	NEGATIVE
S0112002	Negative	Negative	Negative	NEGATIVE	NEGATIVE	NEGATIVE
S0112003	Positive	Negative	Negative	REACTIVE	NEGATIVE	NEGATIVE
S0112004	Negative	Negative	Negative	NEGATIVE	NEGATIVE	NEGATIVE
Your Score				8/8 (100%)	8/8 (100%)	8/8 (100%)

Cumulative Report of this cycle:

Total Number of specimens you received : 4
Number of markers reported as not examined : 0
Specimen # not used for analysis : 0
Number of Specimens Reported Late for analysis : 0
Your cumulative score for the specimens you reported: 24 out of the possible total of 24

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The data in this CMCVIROEQAS results are confidential



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Total Number of participants for BBVS : 439

Total Number of Participants who turned in their results : 392

Standard Deviation Index (SDI)

Performance of the participating Laboratories	HIV Ag/Ab	HBsAg	HCV-Ab
Mean score of all Laboratories	7.94	7.99	7.97
Standard Deviation	0.56	0.11	0.44
Your Laboratory SDI	0.11	0.09	0.07
Performance grade	GOOD	GOOD	GOOD

Participants who reported all analyzed specimens accurately

Marker	Number of Participants	Percentage of Participants with concordant result for all analyzed specimens
HIV	391	98.2
HBsAg	392	99.7
HCV-Ab	391	99.7

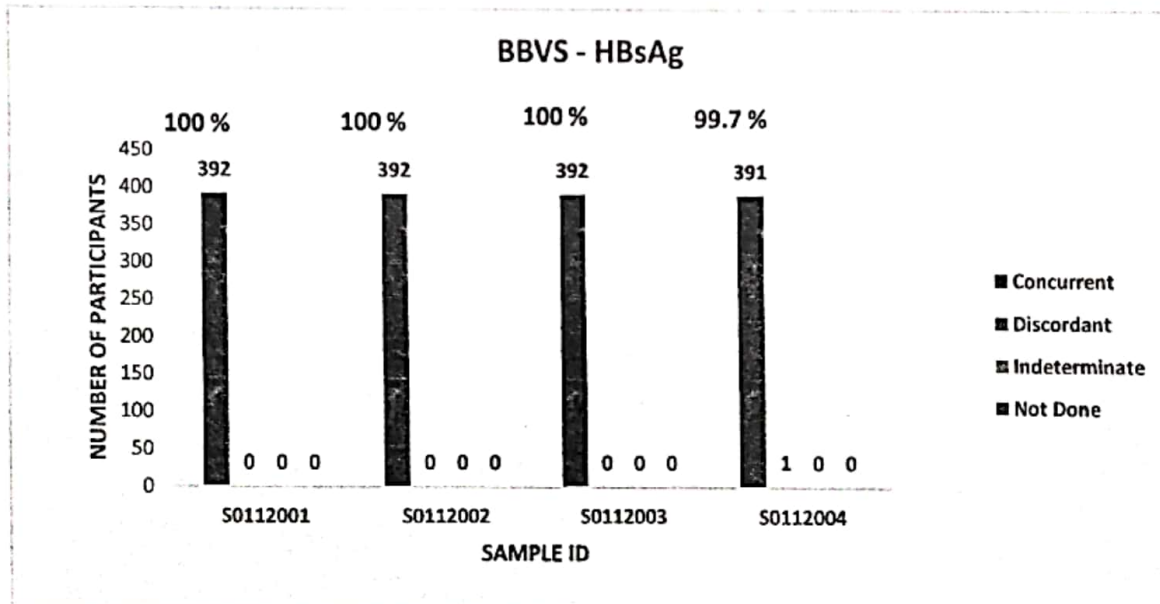
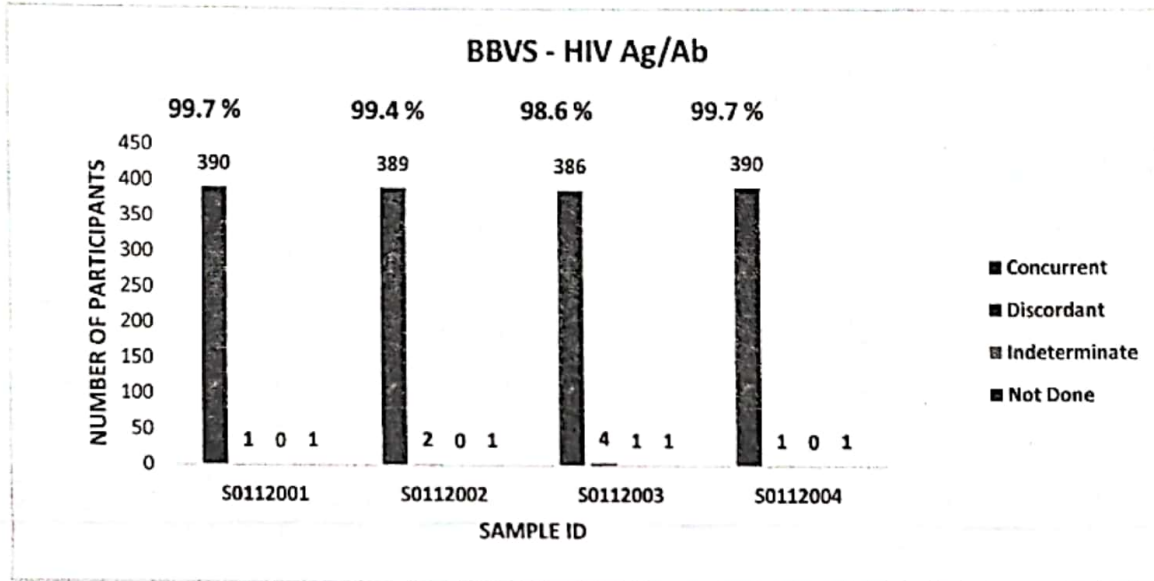


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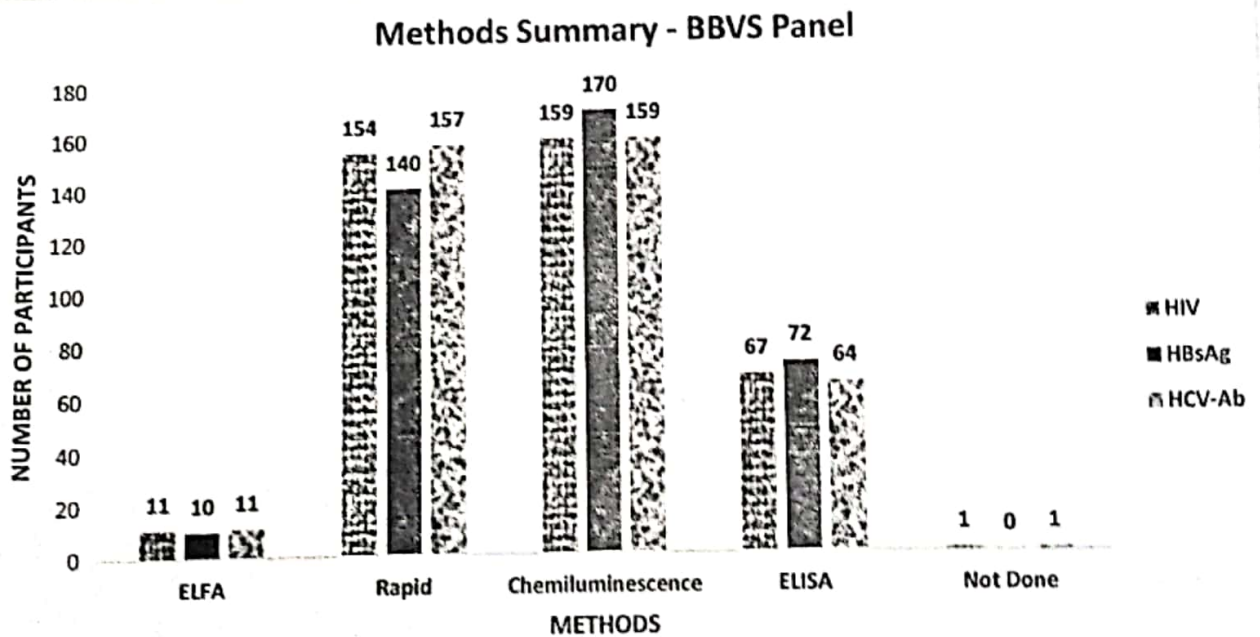
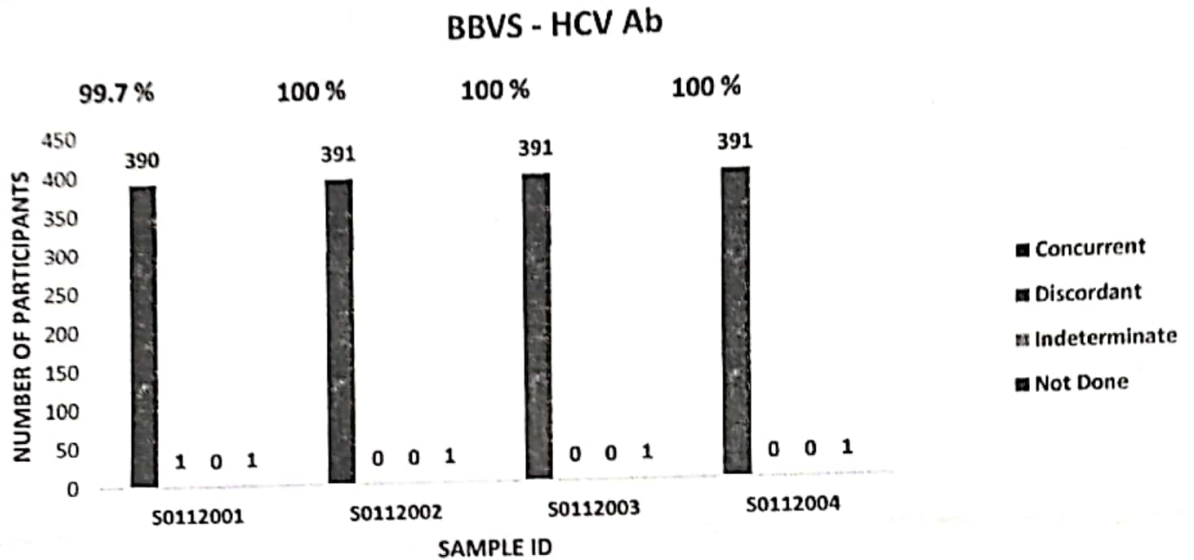
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Performance Graph





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Comments:

Participants are scored based on qualitative result.

Assigned Value:

Assigned value is determined using multiple assays/multiple testing of the same analyte.

The proficiency testing material is a pooled lyophilized plasma sample prepared by following institutional proficiency testing standard operating protocol (PT-SOP) by trained staff. None of the work related to testing, preparation and packaging of sample is subcontracted. The homogeneity of the PT material is determined using multiple testing of multiple aliquots. The stability of the testing material is determined by assessing the reactivity of the specimen till the closing date.

Standard Deviation Index (SDI):

Standard deviation index is used to analyze your laboratories performance relative to the other participating laboratories. The SDI is calculated for each parameter or marker separately using the formula

$$SDI = (\text{Your score} - \text{interlaboratory mean score}) / \text{interlaboratory standard deviation of the score}$$

Scoring System

Qualitative Results	Score
Concordant Result	2
Intermediate/Indeterminate	1
Discordant Result	0



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Performance Score based on Standard Deviation Index (SDI)

Performance of the participating Laboratories	SDI
Good	± 2.0
Improve	$\pm 2.0 - 3.0$
Poor	$\pm >3.0$

Enquiries: For queries please contact CMCVIROEQAS coordinator at the email
viroeqas@cmcvellore.ac.in

For all communications please use your CMCVIROEQAS LAB ID and Distribution Number.

Name of CMCVIROEQAS Coordinator

Signature

Dr. Rajesh Kannangai

Department of Clinical Virology

Report Dispatch Date: 10-07-2020

Report authorized by: CMCVIROEQAS Coordinator

END OF REPORT

PT Unit, Department of Clinical Virology
CHRISTIAN MEDICAL COLLEGE, VELLORE

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